Docket No.: 2004.834US

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (Previously Presented) A drug delivery system consisting of one or more compartments and comprising a progestogenic compound dissolved in a thermoplastic polyethylene vinylacetate copolymer whereby,
- if the delivery system consists of one compartment, the compartment comprises
 - (i) a core of a thermoplastic polyethylene vinylacetate copolymer comprising the progestogenic compound, the progestogenic compound being dissolved in the polyethylene vinylacetate copolymer up to a concentration below the saturation level at 25°C, and an estrogenic compound; and
 - (ii) a skin of a thermoplastic polyethylene vinylacetate copolymer covering the core, the skin being permeable for both compounds;
- if the delivery system consists of more than one compartment, only one compartment comprises
 - (iii) the progestogenic compound, the progestogenic compound being dissolved in a core of a thermoplastic polyethylene vinylacetate copolymer up to a concentration below the saturation level at 25°C, and an estrogenic compound; and
 - (iv) a skin of a thermoplastic polyethylene vinylacetate copolymer covering the core, the skin being permeable for both compounds.
- 2. (Original) A drug delivery system according to claim 1, wherein the progestogenic compound is a steroidal progestogenic compound and/or the estrogenic compound is a steroidal estrogenic compound.

Application No. 10/594,104
Amendment dated July 23, 2008

Reply to Office Action of January 30, 2008

3. (Previously Presented) A drug delivery system according to claim 1, wherein the polyethylene vinylacetate copolymer of the core is a copolymer containing 30 to 50 wt% vinylacetate.

Docket No.: 2004.834US

- 4. (Previously Presented) A drug delivery system consisting of one or more compartments and comprising a progestogenic compound dissolved in a thermoplastic polyethylene vinylacetate copolymer whereby,
- if the delivery system consists of one compartment, the compartment comprises
 - (i) a core of a thermoplastic polyethylene vinylacetate copolymer, the copolymer containing 30 to 50 wt% vinylacetate, and the core comprising a progestogenic compound, the progestogenic compound being dissolved in the polyethylene vinylacetate copolymer up to a concentration below the saturation level at 25°C, and an estrogenic compound; and
 - (ii) a skin of a thermoplastic polyethylene vinylacetate copolymer covering the core, the copolymer containing 1 to 15 wt% vinylacetate, the skin being permeable for both compounds, and the skin having a thickness in the range of $10 \text{ to } 110 \text{ } \mu\text{m}$;
- if the delivery system consists of more than one compartment, only one compartment comprises
 - (iii) the progestogenic compound, the progestogenic compound being dissolved in a core of a thermoplastic polyethylene vinylacetate copolymer up to a concentration below the saturation level at 25°C, the copolymer containing 30 to 50 wt% vinylacetate, and an estrogenic compound; and
 - (iv) a skin of a thermoplastic polyethylene vinylacetate copolymer covering the core, the copolymer containing 1 to 15 wt% vinylacetate, the skin being permeable for both compounds,

and the skin having a thickness in the range of 10 to 110 µm.

Application No. 10/594,104 Amendment dated July 23, 2008

Reply to Office Action of January 30, 2008

5. (Previously Presented) A drug delivery system consisting of one or more compartments and comprising a progestogenic compound dissolved in a thermoplastic polyethylene vinylacetate copolymer whereby,

Docket No.: 2004.834US

- if the delivery system consists of one compartment, the compartment comprises
 - (i) a core of a thermoplastic polyethylene vinylacetate copolymer, the copolymer containing 30 to 50 wt% vinylacetate, and the core comprising a progestogenic compound, the progestogenic compound being dissolved in the polyethylene vinylacetate copolymer up to a concentration below the saturation level at 25°C, and an estrogenic compound; and
 - (ii) a skin of a thermoplastic polyethylene vinylacetate copolymer covering the core, the copolymer containing 14 to 28 wt% vinylacetate, the skin being permeable for both compounds, and the skin having a thickness of 70 to 250 μ m;
- if the delivery system consists of more than one compartment, only one compartment comprises
 - (iii) the progestogenic compound, the progestogenic compound being dissolved in a core of a thermoplastic polyethylene vinylacetate copolymer up to a concentration below the saturation level at 25°C, the copolymer containing 30 to 50 wt% vinylacetate, and an estrogenic compound; and
 - (iv) a skin of a thermoplastic polyethylene vinylacetate copolymer covering the core, the copolymer containing 14 to 28 wt% vinylacetate, the skin being permeable for both compounds, and the skin having a thickness of 70 to 250 μm.
- 6. (Previously Presented) A drug delivery system according to claim 1, wherein the progestogenic compound is etonogestrel.
- 7. (Currently Amended) A drug delivery system according to claim 6 wherein the release on day 21 of etonogestrel of the drug delivery system is $80 \oplus \mu g$ / day or more.

Application No. 10/594,104
Amendment dated July 23, 2008
Perply to Office Action of January 20, 2008

Reply to Office Action of January 30, 2008

8. (Currently Amended) A drug delivery system according to claim 1, wherein the

Docket No.: 2004.834US

estrogenic compound is ethinyl estradiol.

9. (Previously Presented) A drug delivery system according to claim 1, wherein

the system is ring-shaped.

10. (Previously Presented) A drug delivery system according to claim 1, wherein

the drug delivery system consists of one compartment.

11. (Previously Presented) A drug delivery system according to claim 1, wherein

the drug delivery system is a drug delivery system for intravaginal use.

12. (Cancelled)

13. (Currently Amended) A method of manufacturing a drug delivery system

according to claim 9 comprising the steps of:

(i) producing a medicated homogenous polyethylene vinylacetate copolymer

core granulate, comprising a progestogenic and an estrogenic compound;

(ii) co-extruding the core granulate with a polyethylene vinylacetate copolymer

skin granulate, resulting in a copolymer fiber comprising a core covered by a

skin; and

(iii) assembling the fibre into a ring.

14. (Original) A method according to claim 13, wherein the core granulate in step

(i) is lubricated with a lubricant.

15. (Previously Presented) A contraceptive kit or kit for hormone-replacement

therapy comprising the drug delivery system according to claim 1.

5

Application No. 10/594,104 Amendment dated July 23, 2008 Reply to Office Action of January 30, 2008

16. (Currently Amended) A combination preparation to provide contraception whilst simultaneously to treat and/or prevent a sexually transmitted disease comprising the drug delivery system according to claim 1.

Docket No.: 2004.834US

- 17. (New) The drug delivery system according to claim 6, wherein the etonogestrel is dissolved in the polyethylene vinylacetate copolymer at a concentration below the saturation level at 25°C between 0.1 and 1.0 wt%.
- 18. (New) The drug delivery system according to claim 6, wherein the etonogestrel is dissolved in the polyethylene vinylacetate copolymer at a concentration below the saturation level at 25°C between 0.3 and 0.8 wt%.
- 19. (New) The drug delivery system according to claim 6, wherein the etonogestrel is dissolved in the polyethylene vinylacetate copolymer at a concentration below the saturation level at 25°C between 0.4 and 0.7 wt%.